

# Jing Du

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

708  
citations

567281

15  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inducing mitophagy in diabetic platelets protects against severe oxidative stress. <i>EMBO Molecular Medicine</i> , 2016, 8, 779-795.	6.9	95
2	Aldose Reductase-Mediated Phosphorylation of p53 Leads to Mitochondrial Dysfunction and Damage in Diabetic Platelets. <i>Circulation</i> , 2014, 129, 1598-1609.	1.6	89
3	Hyperglycemia repression of miR-24 coordinately upregulates endothelial cell expression and secretion of von Willebrand factor. <i>Blood</i> , 2015, 125, 3377-3387.	1.4	84
4	The H93G myoglobin cavity mutant as a versatile scaffold for modeling heme iron coordination structures in protein active sites and their characterization with magnetic circular dichroism spectroscopy. <i>Coordination Chemistry Reviews</i> , 2011, 255, 700-716.	18.8	46
5	Mitochondrial MsrB2 serves as a switch and transducer for mitophagy. <i>EMBO Molecular Medicine</i> , 2019, 11, e10409.	6.9	44
6	Probing the Oxyferrous and Catalytically Active Ferryl States of <i>Amphitrite ornata</i> Dehaloperoxidase by Cryoreduction and EPR/ENDOR Spectroscopy. Detection of Compound I. <i>Journal of the American Chemical Society</i> , 2010, 132, 14995-15004.	13.7	43
7	<i>Amphitrite ornata</i> Dehaloperoxidase (DHP): Investigations of Structural Factors That Influence the Mechanism of Halophenol Dehalogenation Using $\alpha$ -Peroxidase-like Myoglobin Mutants and $\alpha$ -Myoglobin-like DHP Mutants. <i>Biochemistry</i> , 2011, 50, 8172-8180.	2.5	38
8	Functional Switching of <i>Amphitrite ornata</i> Dehaloperoxidase from $O_2$ -Binding Globin to Peroxidase Enzyme Facilitated by Halophenol Substrate and $H_2O_2$ . <i>Biochemistry</i> , 2010, 49, 6064-6069.	2.5	37
9	Age associated non-linear regulation of redox homeostasis in the anucleate platelet: Implications for CVD risk patients. <i>EBioMedicine</i> , 2019, 44, 28-40.	6.1	37
10	Heme Binding to the Mammalian Circadian Clock Protein Period 2 Is Nonspecific. <i>Biochemistry</i> , 2010, 49, 4327-4338.	2.5	36
11	Diabetes Exacerbates Myocardial Ischemia/Reperfusion Injury by Down-Regulation of MicroRNA and Up-Regulation of O-GlcNAcylation. <i>JACC Basic To Translational Science</i> , 2018, 3, 350-362.	4.1	36
12	Opposing Actions of AKT (Protein Kinase B) Isoforms in Vascular Smooth Muscle Injury and Therapeutic Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2311-2321.	2.4	22
13	Influence of heme environment structure on dioxygen affinity for the dual function <i>Amphitrite ornata</i> hemoglobin/dehaloperoxidase. Insights into the evolutional structure-function adaptations. <i>Archives of Biochemistry and Biophysics</i> , 2014, 545, 108-115.	3.0	21
14	<i>Enterococcus faecalis</i> 6-Phosphogluconolactonase Is Required for Both Commensal and Pathogenic Interactions with <i>Manduca sexta</i> . <i>Infection and Immunity</i> , 2015, 83, 396-404.	2.2	21
15	Evidence of the Direct Involvement of the Substrate TCP Radical in Functional Switching from Oxyferrous $O_2$ Carrier to Ferric Peroxidase in the Dual-Function Hemoglobin/Dehaloperoxidase from <i>Amphitrite ornata</i> . <i>Biochemistry</i> , 2014, 53, 4956-4969.	2.5	15
16	Alkylamine-Ligated H93G Myoglobin Cavity Mutant: A Model System for Endogenous Lysine and Terminal Amine Ligation in Heme Proteins such as Nitrite Reductase and Cytochrome <i>c</i> . <i>Inorganic Chemistry</i> , 2011, 50, 1242-1249.	4.0	14
17	Unfolded Protein Response Differentially Modulates the Platelet Phenotype. <i>Circulation Research</i> , 2022, 131, 290-307.	4.5	11
18	The proximal and distal pockets of the H93G myoglobin cavity mutant bind identical ligands with different affinities: Quantitative analysis of imidazole and pyridine binding. <i>Spectroscopy</i> , 2008, 22, 123-141.	0.8	8

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19	Ferric His93Gly myoglobin cavity mutant and its complexes with thioether and selenolate as heme protein models. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 29-38.	0.8	5
20	Epstein-Barr virus induces the differentiation of semi-mature dendritic cells from cord blood monocytes. <i>Human Immunology</i> , 2014, 75, 306-316.	2.4	3
21	Parkin Coordinates Platelet Stress Response in Diabetes Mellitus: A Big Role in a Small Cell. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5869.	4.1	3